

US EPA ARCHIVE DOCUMENT



# Command and General Staff

October 17, 2012

# Meeting Ground Rules

- Be courteous and silence your electronic devices
- Adhere to meeting agenda
- One conversation at a time

# CGS and Planning Meeting Agenda 10/17/12

Operational Period: October 11 (0700) – October 18 (0700)

- Intro/OPS Period/Ground Rules PSC
- Situation Report & Discussion
- Updates for Unified Command
- Planning Meeting PSC / OSC
  - Weather Forecast
  - Incident Objectives
  - Command Emphasis and Safety Objectives
  - IAP
  - Team Consensus
- Closing Remarks UC

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# Situation Report & Discussion

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# Submerged Oil

## Site-Wide Monitoring



## Monitoring and Sampling Activities

- Walling Tube monthly sampling event completed 10/12.
- Conditional approval of Morrow Lake and Morrow Lake Delta Monitoring Plan issued by EPA on 10/12.
- Next monthly monitoring event scheduled for the week of 10/22.





# Sediment Trap

## Monitoring and Maintenance



Phase II Sediment Trap Bi-Weekly  
Monitoring and Maintenance Completed  
(CSD sample collection)

- MP 11.79 LDB
- MP 30.80 LDB
- MP 33.0 A
- MP 33.0 B
- MP 37.75 Islands
- Delta Z

Status of Access for Ceresco CSDs  
(Enbridge)



# E-4 Alternative Containment

## Sediment Bathymetry

Evaluation of potential  
sediment buildup on upstream  
or downstream side of half  
curtains based on bathymetry  
(Enbridge)





# Submerged Oil

## Science Update



• Marshall  
Source

### Oil Quantification Coring Program Status

- Update on status of pilot study results and schedule

# Emerging Oil Management



## Sheen Responses - October 12, 2012 – October 16, 2012

- Ceresco (2) – including Control Point upstream to MP 5.0
- MP 21.50 RDB (1)
- MP 23.15 RDB (1)
- MP 26.0 RDB (1)
- MP 26.25 RDB (1)
- MP 28.25 RDB (1)
- MP 36.5 RDB (1)
- MP 37.5 (1) – Morrow Lake Delta
- MP 37.9 (1) – North cove of Morrow Lake Fan
- MP 38.0 (1) – South cove of Morrow Lake Fan

# Emerging Oil Management

Ceresco - Control Point

10.15.2012

Spontaneous Sheen



# Emerging Oil Management

Ceresco - Control Point

10.15.2012

Spontaneous Sheen



# Emerging Oil Management

Mill Ponds – MP 15.0 LDB

10.15.2012

Spontaneous Sheen





# Emerging Oil Management

Morrow Lake Delta - Boom C

10.15.2012

Spontaneous Sheen



# Emerging Oil Management

Morrow Lake Delta - Boom E

10.15.2012

Spontaneous Sheen



# Kalamazoo River

## RI Status



### Kalamazoo River RI (MDEQ)

- Background metals study field work completed Tuesday, October 16, 2012.



MP 5.0 on 10/11/2012

October 18 (0700) – October 25 (0700)

# Updates for Unified Command

- Planning
- Logistics
- Safety
- Public Information

October 18 (0700) – October 25 (0700)

# Planning Meeting

- Weather
- Incident Objectives
- Command Emphasis and Safety Objectives
- Incident Action Plan
- Team Consensus



# Weather Forecast

Thursday

Friday








Saturday

Sunday

Monday

Tuesday

Wednesday

18	19	20	21	22	23	24
						
Cooler with a passing shower	A couple of showers possible	Warmer with variable clouds	Partly sunny and nice	Mild with clouds and sun	Partly sunny	Clouds yielding to sun
59° Lo 41°	49° Lo 44°	56° Lo 47°	61° Lo 47°	66° Lo 50°	56° Lo 46°	55° Lo 35°
Hist. Avg. 60° Lo 39°	Hist. Avg. 60° Lo 38°	Hist. Avg. 60° Lo 38°	Hist. Avg. 59° Lo 38°	Hist. Avg. 59° Lo 38°	Hist. Avg. 58° Lo 37°	Hist. Avg. 58° Lo 37°

October 18 (0700) – October 25 (0700)

## Incident Objectives (202)

1. Ensure health and safety of the public and response and recovery personnel.
2. Ensure absolute containment of submerged oil and oil-containing sediments within the Delta and the Fan of Morrow Lake.
3. Ensure effective transition of regulatory oversight from EPA to Michigan DEQ jurisdiction as appropriate.
4. Perform recovery and containment of oil from affected public and private areas of river and river system.
5. Perform remediation and restoration of affected public and private areas of river and river system.
6. Maintain effective communications with cooperating and assisting agencies, the public, including regular coordination with the Multi-Agency Coordination Group (MAC).
7. Provide protection of environmentally and culturally sensitive areas including wildlife and historic properties.
8. Collect, coordinate, manage and communicate environmental and public health data including maintenance of Joint Information Center function.

October 18 (0700) – October 25 (0700)

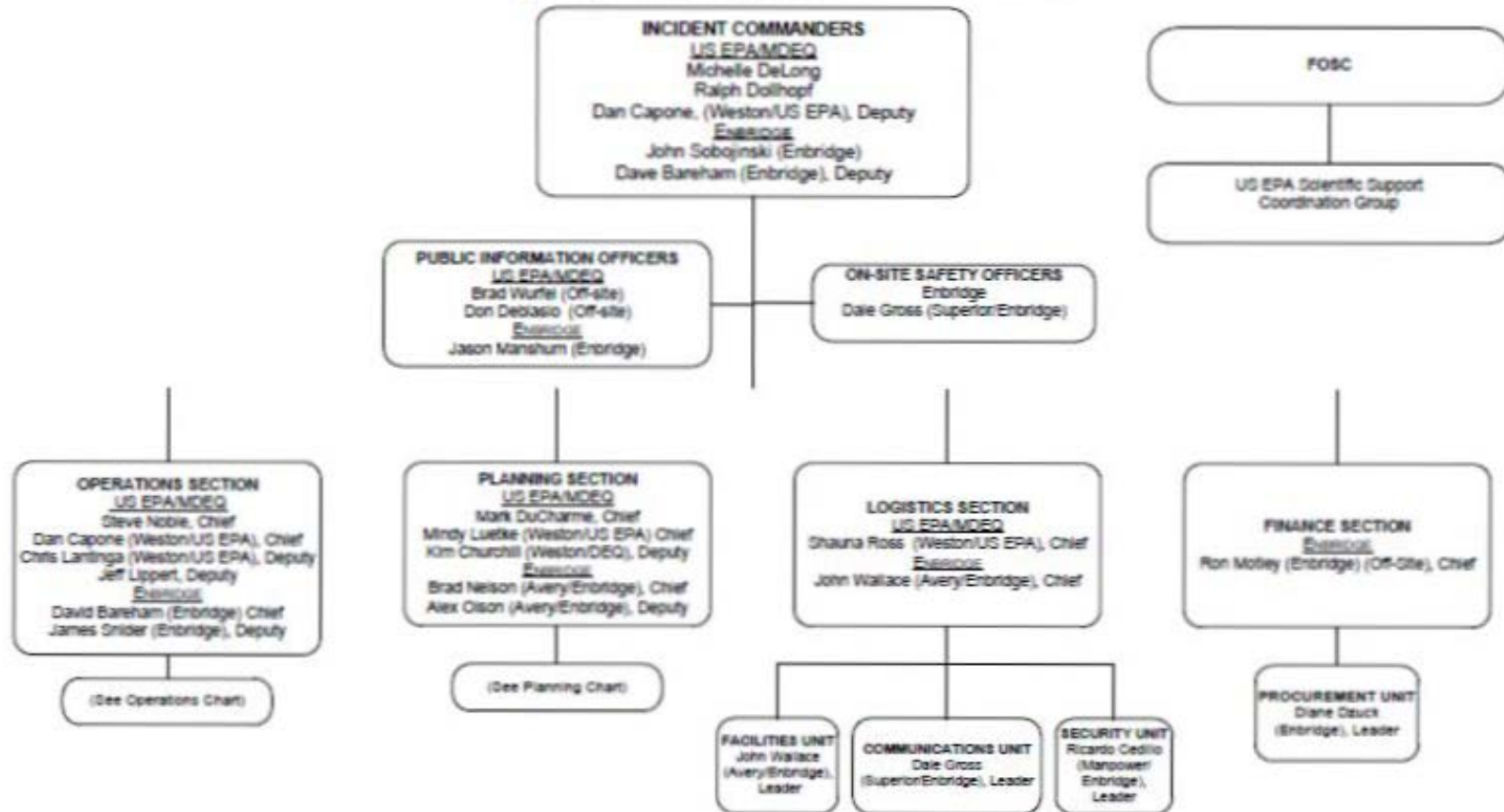
## **Command Emphasis (202)**

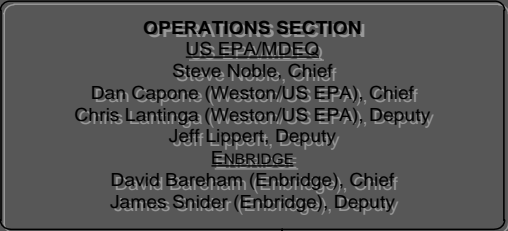
1. Respond to and document emerging oil throughout the Kalamazoo River system.
2. Implement path forward for submerged oil quantification cores.

## **Safety Objectives for Operational Period**

1. Assure effective integration of public safety and worker safety on the river. Focus on public and worker interaction.
2. Refresh safety documentation awareness.

## Enbridge Pipelines Response Unified Command









**PLANNING SECTION**  
US EPA/MDEQ  
Mark DuCharme, Chief  
Kim Churchill, Deputy  
Mindy Luetke (Weston/US EPA), Chief  
ENBRIDGE  
Brad Nelson (Avery/Enbridge), Chief  
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Paul Moison (Weston/US EPA), Leader  
ENBRIDGE  
Brad Nelson (Avery/Enbridge), Leader

# Team Consensus

- Finance (Represented by IC)
- Logistics
- Safety
- UC

# Closing Remarks

- Enbridge
- US EPA
- MDEQ

NEXT UP:

Objectives Meeting

**October 25 (0700) – November 1 (0700)**